United States Environmental Protection Agency
EPA New England
One Congress Street, Suite 1100
Boston, MA 02114-2023

October 18, 2006

To: J. Kilborn, EPA
H. Inglis, EPA
R. Howell, EPA (w/o attachments)
D. Moore, USACE
K.C. Mitkevicius, USACE
S. Steenstrup, MA DEP (2 copies)
R. Bell, Esquire, MA DEP
S. Peterson, CT DEP
A. Silfer, GE
J. Novotny, GE
J.R. Bieke, Esquire, Shea & Gardner
S. Messur, BBL
D. Young, MA EOEA
K. Munney, US Fish and Wildlife
D. Mauro, META Environmental, Inc.
R. Nasman, The Berkshire Gas Company
Mayor Ruberto, City of Pittsfield
Commissioner of Public Works and Utilities, City of Pittsfield
Public Information Repositories

RE: September Monthly Report
1.5 Mile Reach Removal Action
GE-Pittsfield/Housatonic River Site

Enclosed please find the September 2006 Monthly Report for the 1.5 Mile Reach Removal Action. In accordance with the Consent Decree for the GE-Pittsfield/Housatonic River Site, the United States Environmental Protection Agency (EPA) is performing the 1.5 Mile Reach Removal Action, with General Electric funding a portion of the project through a cost sharing formula.

The EPA has entered into an agreement with the United States Army Corps of Engineers (USACE) to assist in the design and construction of the Removal Action. The USACE subsequently awarded a design-construct contract to Weston Solutions, Inc. (Weston). Weston, with several subcontractors, will be performing the design and construction activities for the 1.5 Mile Reach Removal Action.

If you have any questions, please contact me at (413) 236-0969.
Sincerely,

Dean Tagliaferro

Dean Tagliaferro
1.5 Mile Reach Removal Action Project Manager

1. Overview

During September 2006, the Environmental Protection Agency (EPA), the United States Army Corps of Engineers (USACE), the USACE's contractor, Weston Solutions, Inc., and Weston's subcontractors continued remediation and restoration activities on the 1.5 Mile Reach Removal Action. Final restoration activities at Fred Garner Park continued. Final paving, parking lot striping and hydro-seeding were completed. The removal of the access roads and final restoration activities on Parcel I8-23-6 continued. Fall planting activities were initiated. Also, miscellaneous restoration activities on Parcel I9-4-201 (paving), Parcel I7-2-44 (paving), Parcel I7-2-1 (lawn repairs) and Parcels I7-2-20 (lawn repairs) were completed. In addition, transfer of non-TSCA materials from the stockpile management areas to an approved off-site facility was performed.

2. Chronological description of tasks performed

Refer to Figure 1 (2 maps) for an orientation of the 1.5 Mile Reach Removal Action.

By the end of August, final restoration activities at the Fred Garner Park were well underway. During the month of September the final restoration activities at the Fred Garner Park continued. The installation of the pavement final surface course and striping of the parking lot and installation of the parking lot bumpers were completed. Also, it was decided that the curvature of the curbs that were initially installed at the entrance to the park created a narrow entrance. Therefore, it was decided that the curbs need to be re-done with a 25-foot radius to create a wider entrance and to meet the existing curb on Pomeroy Avenue. The replacement curbs were installed in September.

The installation of topsoil around the guard rail and the newly paved entrance road, the curbs and the parking lot was completed. The newly restored area between the soccer field and the park entrance road and between the park entrance road and the river was york-raked and hydro-seeded.

Also, the planting of the eight red maple trees and six river birch clumps in the park was completed.

In addition, the installation of the new entrance gate to the park was completed.

The survey contractor completed the as-built survey of the Fred Garner Park.

Also during the month of August, activities associated with the removal of the access roads on Parcel I8-23-6 were initiated. During the month of September, the removal of the access roads on Parcel I8-23-6 was completed with the exception of the portion of the road from the Day Street entrance to the property just west of the drainage swale crossing, which was left in place.

In general the access roads located on Parcel I8-23-6 were constructed as follows: first geotextile was placed on the existing native sub-grade. Then an approximate six-inch layer of common fill was placed on the geotextile, followed by a second layer of geotextile and an approximate six-inch layer of dense grade. During the removal of the access roads, first the dense grade materials were removed down to the geotextile, this material was stockpiled separately and was slated for testing and potential re-use. Next, the geotextile was carefully removed and stockpiled for offsite disposal. Then the common fill was removed down to just above the geotextile layer to ensure that the native materials were not removed with the common fill. The common fill was stockpiled separately and was slated for testing and potential re-use. Lastly the remainder of the common fill and geotextile were removed, stockpiled and slated for testing and offsite disposal. To ensure that all geotextile material was removed, an approximate one to three inch layer of native sub-grade material was removed along with the common fill/geotextile. All of the removed materials were transported to Area 64 stockpile management areas.

Once the access roads were removed, the areas were regarded and restored to their approximate 1.5 mile pre-construction grades as follows: to assist in future 1.5 mile maintenance activities, a fifteen –foot wide access road was installed along the riverbank. The road was built by using a one to three inch layer of dense grade/airport mix material which returned the area to its approximate pre-construction grade. Areas outside the fifteen-foot access road were backfilled with one to three inches of topsoil returning the areas to their approximate pre-construction grades.

The delineation of the wetlands that were present prior to the 1.5 mile construction activities was completed. The original wetlands were irregularly shaped and impractical to re-construct. Therefore, the total area of the pre-existing wetlands was calculated. A new wetland with an overall area slightly greater than the pre-existing wetlands was re-created in the same general area.

In the area east of the drainage swale crossing EPA contractors removed temporary access road from Hathaway Street to the access road left in place at the end of Day Street. This included the removal of the access road at the rear of Parcel I9-5-13. This area was backfilled with topsoil and graded. The final restoration activities of Parcel I9-5-13 are scheduled for October 2006.

All the newly restored and top soiled areas were fine graded and hydro-seeded with conservation seed mix, except for the wetland area which was hand seeded with a wetland seed mix.

The cutting and removal of the front face of the drainage swale structure down to the invert elevation of the two 48-inch culvert pipes was completed. Additional riprap was placed around the Day Street drainage swale structure to improve and smooth out the grading around the structure.

The removal of temporary fencing around Parcel I8-23-6 was completed. The installation of a six-foot green vinyl coated chain link fence and gate at the Day Street entrance to Parcel I8-23-6 was completed. The installation of the guardrail around the drainage swale and other miscellaneous fencing on Parcel I8-23-6 is scheduled for October 2006.

Other restoration activities during the month of September included the repairs of the low spot on the newly installed pavement on Parcel I9-4-201. The repairs were necessary to improve the drainage on the parking lot. Activities associated with the installation of an asphalt driveway apron and a four-foot wide sidewalk from the driveway to the house on Parcel I7-2-44 was also completed.

Activities associated with fertilizing and hydro-seeding of the lawn on Parcel I7-2-1 was completed. Also, fertilizing of a lawn on Parcel I7-2-20 was completed.

Activities associated with flagging out plant locations for the fall planting activities were completed. Additional summer vegetation inspections along 1.5 mile removal reach were performed. During the summer vegetation inspections several areas were identified that required supplemental trees and shrubs to be planted to meet the 1.5 mile removal reach vegetation density requirements.

Fall planting activities were initiated. The installation of trees and shrubs on the Phase 3C west riverbank, adjacent to Fred Garner Park were completed. All the disturbed areas within the new plantings were hand raked and seeded with herbaceous seed mix. The installation of the larger trees within the downstream sections of the park will be performed in October 2006. Also, the installation of the supplemental trees and shrubs on Parcel I8-23-6 in areas that were identified during the summer vegetation inspection was completed. The extra trees and shrubs were needed due to the damage caused during the GE's oxbow A and C remediation activities.

Other miscellaneous activities performed during the month of September included the decontamination of the bin blocks and the jersey barriers. Maintenance and or the removal of the silt fencing throughout the 1.5 mile remediation area continued. The offsite transportation of the bin blocks and the jersey barriers continued. Also, demobilization of the Area 64 staging areas was initiated.

The invasive species control and the tree maintenance within the 1.5 mile remediation reaches continued. Maintenance and re-setting of the tree protective cages was performed.

The dense grade materials generated during the removal of access roads on Parcel I8-23-6 and slated for re-use as clean fill were moved from a stockpile in Area 64A north and consolidated into a stockpile in Area 64C south. EPA informed GE and PEDA that the dense grade material analytical data met the standards for re-use as clean fill and EPA offered the material for re-use on GE and PEDA properties.

GE requested the use of the dense grade material for construction of a staging area at the Silver Lake Capping Pilot Project. GE's contractor transferred some of the dense grade materials from Area 64C south stockpile management area to the Silver Lake construction site. GE anticipates using the remainder of the dense grade material at Silver Lake sometime in October 2006.

The non-TSCA materials from the Area 64D, Area 64A and Area 64E stockpile management areas were transported to the Waste Management of New Hampshire-TREE, Rochester, N.H. from September 05, 2006 and September 21, 2006. (See Table 1 for a summary of material

transported to the Waste Management of New Hampshire-TREE, Rochester, N.H. during the month of September 2006).

During the month of September 2006, nine concrete characterization samples were collected on the jersey barriers and the bin blocks. Three post-removal off-site disposal characterization samples were collected from the sub-grade material (stockpiled in Area 64A south, Area 64E, and Area 64B south). Also, three post-removal characterization samples were collected on the dense grade and common fill material removed from the access roads and staging areas (stockpiled in Area 64A north and Area 64C north). In addition, two samples were collected on the topsoil material that is to be used during the restoration activities on Parcel I8-23-6.

Also, geotechnical samples were collected on the dense grade and common fill material removed from the access roads and staging areas in case these materials are subsequently classified for unrestricted re-use as clean fill. The results of the geotechnical testing are not included in the monthly report but are contained in other submittals and are available upon request.

Stockpile management area activities continued throughout the month of September.

3. Sampling/test results received

Table 2 contains the results for the nine concrete characterization samples collected on the jersey barriers and the bin blocks. Results for three post-removal off-site disposal characterization samples results collected from the sub-grade material (stockpiled in Area 64A south, Area 64E, and Area 64B south) are presented in Table 3. Data associated with the post-removal dense grade and common fill materials is summarized in Table 4. Table 5 presents results for two topsoil samples collected on September 1, 2006.

4. Diagrams associated with the tasks performed

Figure 1 (2 maps) displays the locations of the 1.5 Mile Reach Removal Action Phases including the layout of all excavation cells, access road locations and temporary fence line location.

5. Reports received and prepared

No reports were prepared or received during the month of September 2006.

6. Photo documentation of activities performed

See attached photos.

7. Brief description of work to be performed in October 2006

- Complete final restoration of Parcel I8-23-6.
- Complete final restoration activities on Parcel I9-5-13.
- Complete the paving of Hathaway Street.
- Continue fall planting activities in the downstream section of Fred Garner Park and on Parcel I9-4-14 and I9-4-19.
- Continue to transfer non-TSCA materials from the stockpile management areas to approved off-site facilities.
- Continue stockpile management activities at Area 64.
- Continue with miscellaneous demobilization activities such as demobilization of Area 64 and decontamination and demobilization of the jersey barriers and the concrete bin blocks.

8. ATTACHMENTS TO THIS REPORT

Table 1. Quantity of non-TSCA Material Transferred to Waste Management of New Hampshire-TREE, Rochester, N.H. during the month of September

Table 2. Jersey Barriers and Bin Block Concrete Characterization Analytical Results

Table 3. Post-Removal Access Sub-Grade Debris Stockpile Characterization Analytical Results

Table 4. Post-Removal Dense Grade and Common Fill Material Analytical Results

Table 5. Backfill Material Testing Results

Figure 1- 1.5 Mile Removal Action Site Map (2 maps)

Photodocumentation

Table 1 - Quantity of non-TSCA Material Transported to Waste Management of New Hampshire-TREE, Rochester, N.H.
During the Month of September
September 2006 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are reported in tons)

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (1)
09/05/06	1705WMNH	sub-grade Area 64D south	33.18
09/05/06	1706WMNH	sub-grade Area 64D south	32.68
09/07/06	1707WMNH	sub-grade Area 64D south	31.36
09/07/06	1708WMNH	sub-grade Area 64D south	31.07
09/07/06	1709WMNH	sub-grade Area 64D north	29.94
09/07/06	1710WMNH	sub-grade Area 64D north	31.60
09/07/06	1711WMNH	sub-grade Area 64D north	30.64
09/07/06	1712WMNH	sub-grade Area 64D north	31.51
09/07/06	1713WMNH	sub-grade Area 64D north	31.61
09/07/06	1714WMNH	sub-grade Area 64D north	33.32
09/07/06	1715WMNH	sub-grade Area 64D north	32.54
09/07/06	1716WMNH	sub-grade Area 64D north	31.11
09/07/06	1717WMNH	sub-grade Area 64D north	31.10
09/07/06	1718WMNH	sub-grade Area 64D north	33.39
09/11/06	1719WMNH	sub-grade Area 64D north	33.59
09/11/06	1720WMNH	sub-grade Area 64D north	32.63
09/11/06	1721WMNH	sub-grade Area 64D north	31.19
09/11/06	1722WMNH	sub-grade Area 64D north	34.22
09/11/06	1723WMNH	sub-grade Area 64D north	33.35
09/11/06	1724WMNH	sub-grade Area 64D north	33.78
09/11/06	1725WMNH	sub-grade Area 64D north	32.64
09/11/06	1726WMNH	sub-grade Area 64D north	33.24
09/11/06	1727WMNH	sub-grade Area 64D north	31.36
09/11/06	1728WMNH	sub-grade Area 64D north	30.29
09/12/06	1729WMNH	sub-grade Area 64D north	33.88
09/12/06	1730WMNH	sub-grade Area 64D north	31.91
09/12/06	1731WMNH	sub-grade Area 64D north	31.59
09/18/06	1732WMNH	sub-grade Area 64A south	31.88*
09/18/06	1733WMNH	sub-grade Area 64A south	31.79*
09/18/06	1734WMNH	sub-grade Area 64A south	29.08*
09/18/06	1735WMNH	sub-grade Area 64A south	31.67*
09/18/06	1736WMNH	sub-grade Area 64A south	30.51*
09/18/06	1737WMNH	sub-grade Area 64A south	30.54*
09/18/06	1738WMNH	sub-grade Area 64A south	30.27*
09/18/06	1739WMNH	sub-grade Area 64A south	30.66*
09/18/06	1740WMNH	sub-grade Area 64E	31.72*

Date Shipped	Doc. Number	Stockpile Area	Net Weight (Tons) (1)
09/18/06	1741WMNH	sub-grade Area 64E	32.84*
09/18/06	1742WMNH	sub-grade Area 64E	32.43*
09/18/06	1743WMNH	sub-grade Area 64E	31.59*
09/18/06	1744WMNH	sub-grade Area 64E	32.46*
09/18/06	1745WMNH	sub-grade Area 64E	32.11*
09/18/06	1746WMNH	sub-grade Area 64E	32.31*
09/19/06	1747WMNH	sub-grade Area 64E	34.08*
09/19/06	1748WMNH	sub-grade Area 64E	30.82*
09/19/06	1749WMNH	sub-grade Area 64E	33.48*
09/19/06	1750WMNH	sub-grade Area 64E	32.22*
09/19/06	1751WMNH	sub-grade Area 64E	30.82*
09/19/06	1752WMNH	sub-grade Area 64E	31.17*
09/19/06	1753WMNH	sub-grade Area 64E	29.98*
09/19/06	1754WMNH	sub-grade Area 64E	32.55*
09/19/06	1755WMNH	sub-grade Area 64E	33.37*
09/19/06	1756WMNH	sub-grade Area 64E	32.48*
09/20/06	1757WMNH	sub-grade Area 64E	31.75*
09/20/06	1758WMNH	sub-grade Area 64E	31.81*
09/21/06	1759WMNH	sub-grade Area 64DN	34.35*
		Total of Material Disposed	**1,759.46**

Notes:

(1) Net weights established at the disposal facility.

* - Net weights established onsite during the load out of material.
Net weights from the disposal facility not yet available.

Table 2 - Jersey Barrier and Bin Block Concrete Characterization Analytical Results
September 2006 Monthly Report
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in part per million, ppm)

Sample ID	Date Collected	Aroclor 1016, 1221, 1232, 1242, & 1248	Aroclor 1254	Aroclor 1260	Total PCBs	% Solids
H2-OT000415-0-6S13	13-Sep-06	ND(0.017)	ND(0.017)	**0.03**	**0.03**	97.6%
H2-OT000416-0-6S13	13-Sep-06	ND(0.17)	**1.6**	ND(0.17)	**1.6***	96.3%
H2-OT000417-0-6S13	13-Sep-06	ND(0.34)	**3.0**	**0.73**	**3.7***	97.7%
H2-OT000418-0-6S13	13-Sep-06	ND(0.051)	**0.5**	**0.065**	**0.57**	97.9%
H2-OT000419-0-6S13	13-Sep-06	ND(0.34)	**3.8**	**0.62**	**4.4***	96.8%
H2-OT000420-0-6S13	13-Sep-06	ND(0.017)	**0.021**	**0.036**	**0.057**	97.7%
H2-OT000424-0-6S25	25-Sep-06	ND(0.017)	**0.029**	**0.029**	**0.058**	97.2%
H2-OT000425-0-6S25	25-Sep-06	ND(0.017)	ND(0.017)	ND(0.017)	ND(0.017)	97.2%
H2-OT000426-0-6S25	25-Sep-06	ND(0.035)	**0.21**	**0.058 J**	**0.27**	96.2%

Notes:
PCB Action Level - 1.0ppm
ND(0.017) - Analyte was not detected. The value in parentheses is the associated detection limit.
J - Indicates an estimated value
ND - not detected
***** - Sample results exceeded the PCB Action Level, the bin blocks and jersey barriers represented by the samples will be re-decontaminated and more samples will be collected.

Table 3 - Post-Removal Sub-Grade Material Stockpile Characterization Analytical Results
September 2006 Monthly Report
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in part per million, ppm)

Sample ID	H2-OT000413-0-6S11	H2-OT000414-0-6S11	H2-OT000427-0-6S26
Sample type	stockpile material characterization	stockpile material characterization	stockpile material characterization
Date Collected	11-Sep-06	11-Sep-06	26-Sep-06
Stockpile Location	Area 64A south	Area 64E	Area 64B south
Analyte			
PCBS			
AROCLOR-1254	**0.15**	**0.10**	**0.32**
AROCLOR-1260	**0.15**	**0.13**	**0.17**
PCB, TOTAL	**0.30**	**0.23**	**0.49**
INORGANICS			
PAINT FILTER LIQUIDS **(ml)**	ABSENT	ABSENT	ABSENT
PERCENT SOLIDS **(%)**	**97.5%**	**93.1%**	**92.0%**

Notes:
Only detected constituents are summarized
J - Indicates an estimated value
ND - not detected

Table 4 - Common Fill Material and Dense Grade Material from the old Water Treatment Plant (Parcel I8-23-6) Stockpile Characterization Analytical Results
September 2006 Monthly Report
GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in part per million, ppm)

Location ID	OT000421	OT000422	OT000423	Region IX Preliminary Remediation Goals	MCP Wave 2 Method 1 S-1 Standard
Field Sample ID	H2-OT000421-0-6S13	H2-OT000422-0-6S13	H2-OT000423-0-6S13		
Date Collected	09/13/2006	09/13/2006	09/13/2006		
Location	Parcel I8-23-6	Parcel I8-23-6	Parcel I8-23-6	Residential	Residential
Stockpile Location	Area 64A North	Area 64C North	Area 64C North		(lowest)
Material Type	Dense Grade	Common Fill	Common Fill		
Analyte					
PCBS					
AROCLOR-1254	**0.083**	**0.19**	**ND**	**N/A**	**2.0**
AROCLOR-1260	**0.11**	**0.34**	**0.043**	**N/A**	**2.0**
PCB, TOTAL	**0.19**	**0.53**	**0.043**	**2.0 (1)**	**2.0**
APP IX SEMIVOLATILES					
ACENAPHTHYLENE	**ND**	**0.017 J**	**ND**	**55***	**100**
ACETOPHENONE	**ND**	**ND**	**0.024 J**	**0.49**	**N/A**
ANTHRACENE	**0.018 J**	**0.023 J**	**ND**	**14,000**	**1,000**
BENZO(A)ANTHRACENE	**0.083 J**	**0.13 J**	**0.043 J**	**0.56**	**7**
BENZO(A)PYRENE	**0.083 J (2)**	**0.15 J (2)**	**0.066 J (2)**	**0.056**	**2**
BENZO(B)FLUORANTHENE	**0.055 J**	**0.13 J**	**0.060 J**	**0.56**	**7**
BENZO(GHI)PERYLENE	**0.075 J**	**0.11 J**	**0.036 J**	**55***	**1,000**
BENZO(K)FLUORANTHENE	**0.084 J**	**0.11 J**	**0.049 J**	**5.6**	**70**
CHRYSENE	**0.10 J**	**0.16 J**	**0.058 J**	**56**	**7**
DIBENZO(A,H)ANTHRACENE	**ND**	**0.021 J**	**ND**	**0.056**	**0.7**
FLUORANTHENE	**0.21 J**	**0.23 J**	**0.077 J**	**2,000**	**1,000**
INDENO(1,2,3-C,D)PYRENE	**0.047 J**	**0.082 J**	**0.028 J**	**0.56**	**7**
PHENANTHRENE	**0.13 J**	**0.12 J**	**0.039 J**	**55***	**100**
PYRENE	**0.20 J**	**0.27 J**	**0.089 J**	**1,500**	**1,000**
APP IX VOLATILES					
	all non-detects	**all non-detects**	**all non-detects**		
METALS					
ANTIMONY	**1.3**	**1.0**	**1.5**	**30**	**20**
ARSENIC	**2.6 (2)**	**4.0 (2)**	**4.6 (2)**	**0.38**	**20**
BARIUM	**18.9**	**24.8**	**18.1**	**5,200**	**1,000**
BERYLLIUM	**0.21**	**0.27**	**0.22**	**150**	**0.7**
CHROMIUM	**3.9**	**5.8**	**4.7**	**210**	**30**
COBALT	**4.3**	**4.8**	**5.0**	**3,300**	**N/A**
COPPER	**7.5**	**8.8**	**8.6**	**2,800**	**N/A**
LEAD	**6.0**	**6.4**	**5.5**	**400**	**300**
NICKEL	**8.0**	**7.0**	**7.9**	**1,500**	**20**
VANADIUM	**4.3**	**6.7**	**5.7**	**520**	**600**
ZINC	**28.2**	**29.9**	**27.9**	**22,000**	**2,500**
INORGANICS					
CORROSIVITY BY PH (ph)	**8.1**	**8.1**	**8.2**	**N/A**	**N/A**
CYANIDE	**ND**	**ND**	**ND**	**11***	**N/A**
IGNITABILITY (deg)	**>150**	**>150**	**>150**	**N/A**	**N/A**
PAINT FILTER LIQUIDS (ml)	**Absent**	**Absent**	**Absent**	**N/A**	**N/A**
PERCENT SOLIDS (%)	**96.9%**	**91.7%**	**95.3%**	**N/A**	**N/A**
SULFIDE	**ND**	**ND**	**ND**	**350***	**N/A**

Notes:
(1) Based on spatial averaging approach in Consent Decree - Residential soil
(2) Exceeds Region IX Preliminary Remidiation Goals, however, levels are below MCP S-1 Standards for Residential Properties. Therefore, this material meets the criteria for unrestricted re-use.
* - No EPA Region 9 PRG exists for certain noncarcinogenic PAHs (i.e.,benzo(g,h,i)perylene, and phenanthrene), cyanide, or sulfide. The PRGs for naphtalene, hydrogen cyanide, and carbon disulfide, respectively, were used as surrogates.
Only detected constituents are summarized
J - Indicates an estimated value
ND - not detected

Table 5 - Backfill Material Testing Results
September 2006 Monthly Report

GE-Pittsfield/Housatonic River Project 1.5 Mile Removal Action
Pittsfield, MA

(Results are presented in part per million, ppm)

Sample ID	H2-OT000411-0-6S01	H2-OT000412-0-6S01	MCP Wave 2
Sample type	Topsoil	Topsoil	Method 1 S-1&GW-
Date Collected	9/1/2006	9/1/2006	1 Standard
Analyte			(lowest) (1)
APP IX SEMIVOLATILES			
2-METHYLNAPHTHALENE	---	**.034 J**	**4**
4-METHYLPHENOL	---	**.028 J**	**500^**
ACENAPHTHENE	---	**.063 J**	**20**
ACENAPTHYLENE		**.023 J**	**100**
ANTHRACENE		**.23 J**	**1,000**
BENZO(A)ANTHRACENE	---	**.85**	**7**
BENZO(A)PYRENE	---	**.83**	**2**
BENZO(B)FLUORANTHENE	---	**.93**	**7**
BENZO(GHI)PERYLENE	---	**.34 J**	**1,000**
BENZO(K)FLUORANTHENE	---	**.74**	**70**
CHRYSENE	---	**.97**	**7**
DIBENZO(A,H)ANTHRACENE	---	**.11 J**	**0.7**
DIBENZOFURAN	---	**.04 J**	**100^**
FLUORANTHENE	---	**2.1**	**1,000**
FLUORENE	---	**.078 J**	**400**
INDENO(1,2,3-C,D)PYRENE	---	**.31 J**	**7**
NAPHTHALENE	---	**.026 J**	**4**
PHENANTHRENE	---	**1.1**	**700**
PYRENE	---	**1.3**	**1,000**
APP IX VOLATILES			
2-BUTANONE	---	**.0078**	**0.3^**
ACETONE	---	**.074**	**3**
METHYLENE CHLORIDE	---	**.0044 J**	**0.1^**
METALS			
ANTIMONY	---	**1.9**	**20**
ARSENIC	---	**4.0**	**20**
BARIUM	---	**42.9**	**1,000**
BERYLLIUM	---	**0.31**	**0.7**
CHROMIUM	---	**7.7**	**30**
COBALT	---	**9.4**	**500^**
COPPER	---	**31.9**	**1,000^**
LEAD	---	**34.0**	**300**
MERCURY	---	**0.063**	**20**
NICKEL	---	**18.0**	**20**
SELENIUM	---	**0.89**	**400**
THALLIUM	---	**0.74**	**8**
TIN	---	**0.61**	**10^**
VANADIUM	---	**11.1**	**600**
ZINC	---	**57.8**	**2,500**
PCBS			
PCB, TOTAL	**ND**	**ND**	**0.1***
ORGANIC			
TOTAL PETROLEUM HYDROCARBON	**106**	**711****	**200**

Notes:
Only detected constituents are summarized
ND - not detected
--- not sampled
J - Indicates an estimated value
(1) - Massachusetts Contingency Plan S-1&GW-1 Standards (lowest)
* - Project specific acceptable levels for backfill
^ - S-1 Reportable Concentrations
** - Exceeds the MCP S-1&GW-1 Standards, however, levels are below the MCP S-1&GW-2/GW-3 Standards. The sample results are udergoing further investigation.

Photograph 1 – Activities Associated with the Installation of a Curb at the Entrance to Fred Garner Park

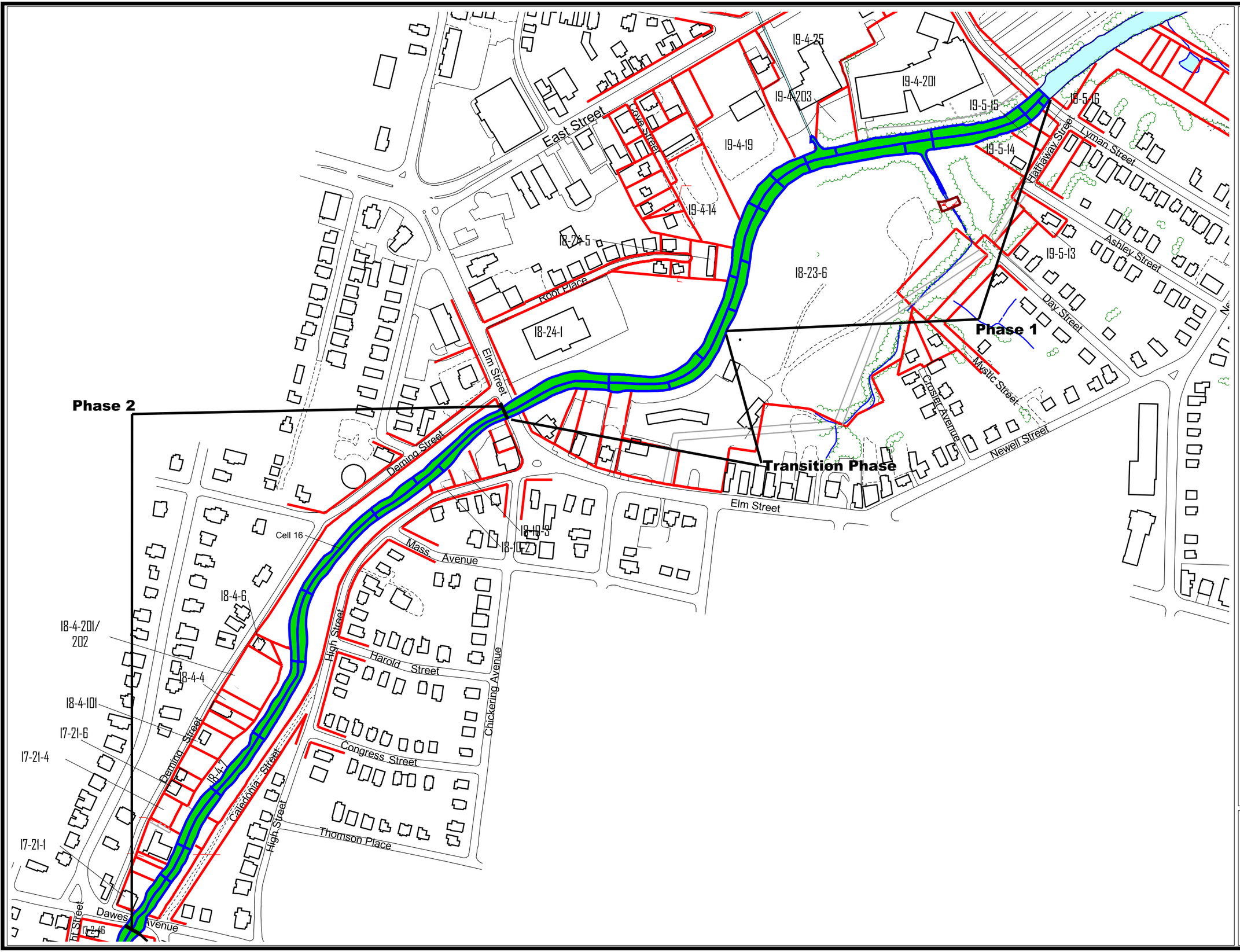
Photograph 2 – Overview of Newly Planted Red Maple Trees at Fred Garner Park

Photograph 3– Overview of Restored Fred Garner Park

Photograph 4– Overview of Restored Fred Garner Park

Photograph 5– Overview of Newly Re-Planted Riverbank in Fred Garner Park

Photograph 6 – Activities Associated with the Removal of Access Roads on Parcel I8-23-6



LEGEND

- Roads
- Surface Water
- Swale Crossing
- Property Lines
- Work Completed

N

Scale in Feet

325 0 325

WESTON SOLUTIONS

Figure 1
1.5 Mile Removal Action
Site Map (Map 1 of 2)
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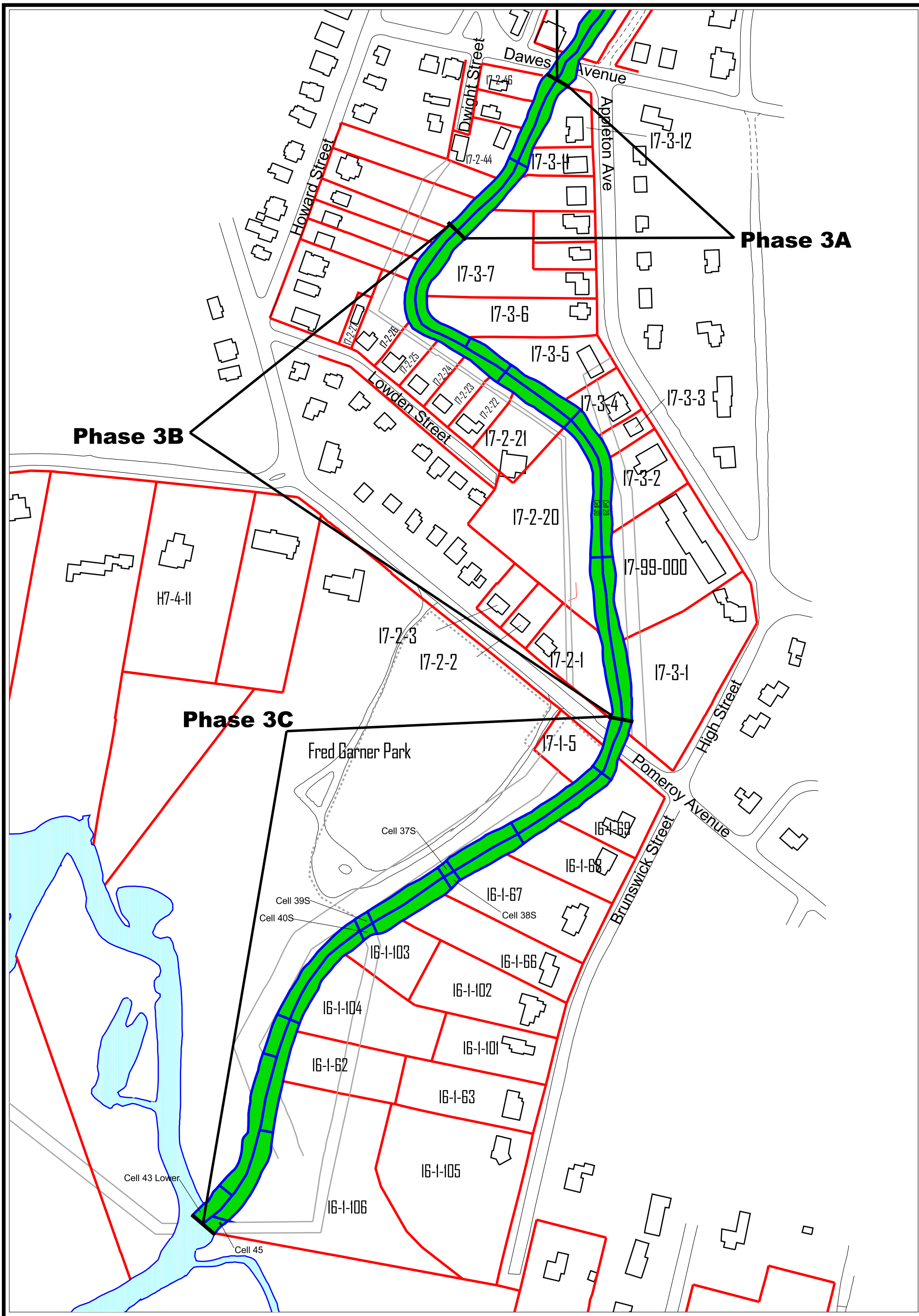

Figure 1
1.5 Mile Removal Action
Site Map (Map 2 of 2)
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